

A5 Weeford to Fazeley

Staffordshire 2005



Client	Highways Agency
Contractor	Interserve
Consultant	Parsons Brinckerhoff

The A5 Weeford to Fazeley scheme involved the construction of a new dual carriageway to replace the then existing single carriageway reducing congestion and improving journey time and safety.

Bridleway and cycle/pedestrian crossing facilities over the A38 were provided near Blackbrook Farm.

Geoquest was asked to undertake the specialist design of the reinforced earth bridge abutments for Parsons Brinckerhoff, the Highways Agency's Lead Designer for the project.

Geoquest designed the bridge abutment and retaining wall to carry a footbridge providing a crossing for equestrian and pedestrian use over the existing A38.

The abutments were constructed using selected granular fill with galvanized steel soil reinforcement. The walls were faced with precast concrete facing panels featuring a broken rib pattern.

In addition to designing and supplying materials for the project, Geoquest provided on-site construction training to enable the Main Contractor to construct the structure using their own team.